CLAIM LISTING:

A complete set of the currently pending claims reads as follows:

1 (Original) A method of maintaining consistent modem carrier level for a wireless communication system comprising:

receiving a modem carrier at a communication node;

measuring a modem carrier signal strength;

determining whether the modem carrier signal strength is at a prescribed level; and

sending a modem carrier level instruction from the communication node to adjust the modem carrier level based on the determination.

2. (Original) The method of claim 1 wherein the modem carrier level instruction comprises a modem carrier level parameter.

3. (Original) The method of claim 2 wherein the modem carrier level parameter comprises a range between one and eight bits of the modem carrier level instruction.

4. (Original) The method of claim 1 wherein the modem carrier level instruction comprises select frequency tones.

5. (Original) The method of claim 1 further comprising:

adjusting the modem carrier level in response to the modem carrier level instruction.

6. (Original) The method of claim 5 wherein the modem carrier level is adjusted more than one time during a communication session.

7. (Original) The method of claim 1 wherein measuring the modem carrier signal strength comprises making a single measurement at a beginning of a data communication segment.

8. (Original) The method of claim 1 wherein measuring the modem carrier signal strength comprises making a plurality of measurements throughout a communication session

9. (Original) The method of claim 8 wherein the communication session comprises one or more data communication segments and one or more voice communication segments.

10. (Original) The method of claim 1 wherein the modem carrier is received from an analog modem.

11 (Original) The method of claim 1 wherein the modem carrier is received from a digital modem.

12. (Original) The method of claim 1 wherein the modem carrier is received from a modem located in a mobile communication device.

13. (Original) The method of claim 1 wherein the wireless communication system is an analog mobile telephone system.

14. (Original) The method of claim 1 wherein the wireless communication system is a digital mobile telephone system.

15. (Original) The method of claim 1 wherein the prescribed level is based on a reference modem carrier level at the communication node.

16. (Original) A computer usable medium including a program for maintaining a consistent modem carrier level for a wireless communication system, comprising:

computer program code for receiving a modem carrier at a communication node;

computer program code for measuring a modem carrier signal strength;

computer program code for determining whether the modem carrier signal strength is at a prescribed level, and

computer program code for sending a modem carrier level instruction from the communication node to a modem to adjust the modem carrier level based on the determination.

17. (Original) The computer usable medium of claim 16 wherein the modem carrier level instruction comprises a modem carrier level parameter.

18. (Original) The computer usable medium of claim 16 further comprising:

computer program code for adjusting the modem carrier level in response to the modem carrier level instruction.

19. (Original) The computer usable medium of claim 18 wherein the modem carrier level is adjusted one or more times during a communication session.

20. (Original) A wireless modem carrier level control system comprising:

means for receiving a modem carrier at a communication node;

means for measuring a modem carrier signal strength;

means for determining whether a modem carrier signal strength is at a prescribed level; and

means for sending a modem carrier level instruction from the communication node to adjust the modem carrier level based on the determination.

21. (Original) The system of claim 20 further comprising:

means for adjusting the modem carrier level in response to the modem carrier level instruction.